BRUHAT BANGALORE MAHANAGARA PALIKE					
Name of work: IMPROVEMENTS AND BALANCE WORKS TO AMBEDKAR BHAVANA IN WARD No.04 OF YELAHANKA SATELLITE TOWN SUB DIVISION					
Agency:- M/s KRIDL					
SCHEDULE-B					
Sl No	App Qty	Description of work	Approved Rates of M/s KRIDL		
			Unit	Rate in Figures	Rate in Words
1	30.00	KSRB13-9.3 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 50mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9 Page no 96 item no 13.73.1	m	354.24	Rupees Three Hundred Fifty Four And Paise Twenty Four Only
2	90.00	KSRB13-10.3 : Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure 25mm outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.4 / 13.9 Page no 96. item no 13.76	m	127.44	Rupees One Hundred Twenty Seven And Paise Forty Four Only
3	90.00	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 160mm outer dia. Page no 77. item no 11.56.4	m	1352.16	Rupees One Thousand Three Hundred Fifty Two And Paise Sixteen Only
4	4.00	KSRB 12-8.3 : Constructing brick masonry inspection chamber 600x850mm, and 450mm depth, (clear inside dimension) for pipeline with three or more inlets, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal , foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS Page no76 item no 11.54	Each	9752.40	Rupees Nine Thousand Seven Hundred Fifty Two And Paise Forty Only

Executive Engineer-II
KRIDL, BBMP, Bangalore

7.6/11/19

Contractor

Executive Engineer
Project Division
Yelahanka Zone

Sl No	App Qty	Description of work	Approved Rates of M/s KRIDL		
			Unit	Rate in Figures	Rate in Words
5	679.92	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification. Page no.43 item no 7.29	kg	119.88	Rupees One Hundred Nineteen And Paise Eighty Eight Only
6	2.70	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2.Page no 13 Item no 4.5	cum	5754.24	Rupees Five Thousand Seven Hundred Fifty Four And Paise Twenty Four Only
7	6.08	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 page no 6 item no 2.3	cum	322.92	Rupees Three Hundred Twenty Two And Paise Ninety Two Only
8	1.08	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No 13 Item No. 4.5	cum	5754.24	Rupees Five Thousand Seven Hundred Fifty Four And Paise Twenty Four Only
9	50.00	KSRB13-8.5 : Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 63mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 Page no. 96 item no 13.70.2	m	320.76	Rupees Three Hundred Twenty And Paise Seventy Six Only

Executive Engineer-4
KRIDL to BBMP, Bangalore

Executive Engineer
Project Division
Yelahanka Zone

6/11/19

Sl No	App Qty	Description of work	Approved Rates of M/s KRIDL		
			Unit	Rate in Figures	Rate in Words
10	4.00	KSRB13-8.5 : Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 63mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 Page no. 96 item no 13.70.2	Nos	2373.84	Rupees Two Thousand Three Hundred Seventy Three And Paise Eighty Four Only
11	0.19	KSRB13-7.2-7 : Providing and fixing in position 100mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.10 / 13.13 Page no 95 Item no 13.65	cum	322.92	Rupees Three Hundred Twenty Two And Paise Ninety Two Only
12	0.19	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 page no 6. item no 2.3	cum	5754.24	Rupees Five Thousand Seven Hundred Fifty Four And Paise Twenty Four Only
13	18.00	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. page no13 item no 4.5	m	927.72	Rupees Nine Hundred Twenty Seven And Paise Seventy Two Only
14	21.70	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) page no 266 item no 37.2	sqm	772.20	Rupees Seven Hundred Seventy Two And Paise Twenty Only
15	21.70	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint Page no 266 item no 37.3	sqm	102.60	Rupees One Hundred Two And Paise Sixty Only
16	2.00	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. page no 123 item no 15.74	nos	22122.72	Rupees Twenty Two Thousand One Hundred Twenty Two And Paise Seventy Two Only

Executive Engineer
Project Division
Yelahanka Zone

Contractor
Executive Engineer-II
KRIDL, BBMP, Bangalore

Sl No	App Qty	Description of work	Approved Rates of M/s KRIDL		
			Unit	Rate in Figures	Rate in Words
17	67.82	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No. 4.5 of PWD SR 2018-19)	Cum	5754.24	Rupees Five Thousand Seven Hundred Fifty Four And Paise Twenty Four Only
18	940.19	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. (P. No. 119, I.No. 15.51.2 of SR 2018-19).	Sqm	97.20	Rupees Ninety Seven And Paise Twenty Only
19	1428.48	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(P. No. 119, I.No. 15.49 of SR 2018-19).	Sqm	127.44	Rupees One Hundred Twenty Seven And Paise Forty Four Only
20	615.30	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P. No. 120, I.No. 15.53.2 of SR 2018-19).	Sqm	110.16	Rupees One Hundred Ten And Paise Sixteen Only
21	393.00	Pg No 43,Item No 7.29 Fabrication supplying and erecting M.S. tubular trusses of all spans with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the. members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification	kg	119.88	Rupees One Hundred Nineteen And Paise Eighty Eight Only

Executive Engineer-II
KRIDL, BBMP, Bangalore

Executive Engineer
Project Division
Yelahanka Zone

Contractor

Sl No	App Qty	Description of work	Approved Rates of M/s KRIDL		
			Unit	Rate in Figures	Rate in Words
22	23.80	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.Pg No.299 Item No.38.30	Sqm	743.04	Rupees Seven Hundred Forty Three And Paise Four Only
23	23.80	Pg No 128,Item No 15.73 KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications page no 123 item no.15.73	Sqm	44.28	Rupees Forty Four And Paise Twenty Eight Only
24	1.00	Providing and Fixing Ambedkar Statue	No	185000.00	Rupees One Lakh(s) Eighty Five Thousand Only
25	325.00	Open Conduit System.Supplying heavy gauge PVC conduit pipe.....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes,adhesive paste etc., and fixing using inverted woodplugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.19/20mm dia 2mm thick	Mtrs	50.00	Rupees Fifty Only
26	16.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 6Way	Nos	145.00	Rupees One Hundred Forty Five Only
27	16.00	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete.6 Way	Nos	115.00	Rupees One Hundred Fifteen Only
28	16.00	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete.8 Way	Nos	140.00	Rupees One Hundred Forty Only
29	810.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 1.5 sqmm	Mtrs	20.50	Rupees Twenty And Paise Fifty Only
30	3285.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 2.5 sqmm	Mtrs	32.00	Rupees Thirty Two Only
31	700.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 4 sqmm	Mtrs	45.00	Rupees Forty Five Only
32	90.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.6Amps one way Switch	Nos	70.00	Rupees Seventy Only
33	30.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.6Amps 3way socket	Nos	105.00	Rupees One Hundred Five Only

Executive Engineer
Project Division
Yelahanka Zone

Contractor

Executive Engineer-II
KRIDL, BBMP, Bangalore

Sl No	App Qty	Description of work	Approved Rates of M/s KRIDL		
			Unit	Rate in Figures	Rate in Words
34	36.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 293.Stepped Fan Regulator.	Nos	290.00	Rupees Two Hundred Ninety Only
35	30.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 293.16Amps one way switch	Nos	115.00	Rupees One Hundred Fifteen Only
36	30.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 293 /16Amps universal socket	Nos	162.00	Rupees One Hundred Sixty Two Only
37	100.00	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size...mm conduit using necessary machine screws.110mm	Nos	11.00	Rupees Eleven Only
38	30.00	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/79 and also comply with IS:1709/1984 with latest amendment, Rated voltage 220 V/ 50 Hz, Rated power input 48 W +/- 10 %,Rated current As per IS:374/79, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value ≥ 4.2 CMM / Watt, Three Blades of blade leaf 1.05 mm thick Aluminium Alloy sheet, Class B motor insulation,Bearing Two ball bearings, Top 6202, Bottom 6201 , as per IS specification, Motor wdg. Temp rise Shall not exceed 75 deg C over and ambient of 40 0C by resistance method at 245 Volts, Insulation resistance Shall not be less than Two Mega Ohms (2 M Ohms), Leakage current Should not exceed 210 Micro Amp, Power input, watt& current , Air Delivery & Fan Speed as per IS:374/1979 with latest amendment, 2 year manufacturer Warranty 48" Sweep 5 Star (1200mm)	Nos	2900.00	Rupees Two Thousand Nine Hundred Only
39	4.00	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete12" Sweep (300mm)	Nos	2100.00	Rupees Two Thousand One Hundred Only
40	4.00	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete15" Sweep (450mm)	Nos	4000.00	Rupees Four Thousand Only
41	675.00	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 35 sqmm	Mtrs	225.00	Rupees Two Hundred Twenty Five Only
42	30.00	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 120 sqmm	Mtrs	600.00	Rupees Six Hundred Only
43	670.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure25 sqmm to 75 sqmm	Mtrs	35.00	Rupees Thirty Five Only
44	30.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.95 sqmm to150Sqmm	Mtrs	40.00	Rupees Forty Only
45	15.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary)	Mtrs	76.00	Rupees Seventy Six Only
46	18.00	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)25mm dia	Nos	84.00	Rupees Eighty Four Only
47	6.00	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)45mm dia	Nos	194.00	Rupees One Hundred Ninety Four Only
48	150.00	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.35 sqmm Long Barrel	Nos	12.44	Rupees Twelve And Paise Forty Four Only

Contractor

Executive Engineer
KRIDL, BBMP, Bangalore

Executive Engineer
Project Division
Yelahanka Zone

6/11/14

Sl No	App Qty	Description of work	Approved Rates of M/s KRIDL		
			Unit	Rate in Figures	Rate in Words
49	150.00	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.35 sqmm Long Barrel	Nos	20.00	Rupees Twenty Only
50	24.00	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.120 sqmm Long Barrel	Nos	32.00	Rupees Thirty Two Only
51	12.00	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode.The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.	Nos	4150.00	Rupees Four Thousand One Hundred Fifty Only
52	12.00	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.600x600x3mm Copper plate	Nos	6900.00	Rupees Six Thousand Nine Hundred Only
53	170.00	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc.8 SWG Copper wire.	Mtrs	105.00	Rupees One Hundred Five Only
54	22200.00	Fabricating supplying and mounting MS box made out ...SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG	Scms	0.35	Rupees And Paise Thirty Five Only
55	0.50	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board.The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete.100Amps 4x30x6mm Aluminium Strips	Mtrs	2050.00	Rupees Two Thousand Fifty Only
56	30.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.40 Amps TPN	Nos	2374.00	Rupees Two Thousand Three Hundred Seventy Four Only
57	30.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 100Volts as per IS-694:1990.3C X 2.5Sq.mm	Mtrs	98.00	Rupees Ninety Eight Only
58	14.00	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts,nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.I - Single Door 4Way SP &N	Nos	777.00	Rupees Seven Hundred Seventy Seven Only

Executive Engineer-4
KRIDL, BEML, Bangalore

6/11

Executive Engineer
Project Division
Yelahanka Zone

Sl No	App Qty	Description of work	Approved Rates of M/s KRIDL		
			Unit	Rate in Figures	Rate in Words
59	36.00	Supplying of recess mounting non integrated type LED down light..... W luminaire comprising of pressure decast/ extruded luminium housing, with spring loaded false ceiling clamps, LED of Power/COB with CCT 6500 degree K,CRI> 70%. efficacy >100 lumen per watt, 120degree beam spread, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly., with PF >0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit,THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition 3) 15-18W	Nos	2000.00	Rupees Two Thousand Only
60	76.00	Supplying of recess mounting non integrated type LED down light ..... W luminaire comprising of pressure decast/ extruded aluminium housing, with spring loaded false ceiling clamps, LED of Power/COB with CCT 6500 degree K,CRI> 70%. efficacy >100 lumen per watt, 120degree beam spread, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly., with PF >0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit,THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition 3) 10-12W	Nos	1360.00	Rupees One Thousand Three Hundred Sixty Only
61	5.00	Supplying of recess mounting non integral type .....LED ..... W luminaire comprising of pressure decast/extruded aluminium housing, with spring loaded fase ceiling clamps,Power LEDs with CCT 6500 degree K, CRI> 70%. efficacy >100 lumen per watt, 120degree beam spread, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly., with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, , THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition.LED modular down light 2'x2' / 1' x 4' 42-55 watts	Nos	5600.00	Rupees Five Thousand Six Hundred Only

Executive Engineer-II
KRIDL, BBMP, Bangalore

Executive Engineer
Project Division
Yelahanka Zone

Sl No	App Qty	Description of work	Approved Rates of M/s KRIDL		
			Unit	Rate in Figures	Rate in Words
62	10.00	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation.Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75.Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any overnment	Nos	5480.00	Rupees Five Thousand Four Hundred Eighty Only
63	11.00	Supply, Erection, testing and commissioning of AMF panel suitable for .....KVA DG set. The panel is of cubical type base/floor mounting control panel with hinged doors, undrilled bottom gland plate, aluminium Bus Bar with the accommodation for .....amps 4 pole contactor for alternator with thermal O/L relay,..... Amps 4 pole contactor for mains, HRC fuse for short circuit protection, Microprocessor based AMF module with supply failure timer, Restoration timer, 3 impulse automatic engine start/stop logic, Mains/generator voltage, ...capacity bypass switch and frequency sensing, PCC 1301 controller with water temperature/Lube oil pressure/ engine speed, Voltage/ampere/Frequency/ KVA, Running-hour count, No of starts, Fault indication, over /under speed, Fails to start, Low oil pleasure, High engine temperature, Under/over voltage, over current, Earth fault relay, with indications for Mains on, Load on Mains, Battery charger on Push buttons AMf module by pass Mode, Battery charger unit with inbuilt Auto/Manual and Flat/Boost facility.Above 125 KVA upto 250 KVA	Set	7500.00	Rupees Seven Thousand Five Hundred Only
64	1.00	Supplying, installing, testing and commissioning of Diesel Generator set with following specifications. Power rating as per standard reference condition as per-BS 5514 / ISO 3046 / ISO 8528 & IS 1002 / ISO 3046 Generator set specifications, Engine: Diesel generating set are rated at 1500RPM and conform to ISO 8528 specifications. The engines are radiator cooled, four stroke and multi cylinder, conforming to ISO 3046. The scope of supply includes: Electrical starter motor 12V DC Battery charging alternator, Bosch fuel system with mechanical governor, A1 Class. Spin-on lube oil filter,Spin-on dual fuel filter with water separator, Turbocharger,Charge air cooler, Silencer (Hospital grade),Dry type air cleaner, Shutoff coil, Flywheel and flywheel housing, First fill of lube oil and coolant, Safety for low lube oil pressure, Safety for high water temperature, Permissible overload of 10% for one hour in 12 hours of operation, Capacity of Fuel Tank: Fuel tank suitable for 8 hours of operation, Alternator: Alternator is suitable for operation at 1500 RPM, 415 Volts, 0.8 pf (lag) suitable for 50 Hz, 3 phase, 4 wire systems, conforming toIS/IEC 60034-1. The Alternator is brushless type, screen protected, revolving field, self excited,self regulated through an AVR. The alternator shall have + 1.0 % Voltage regulation	Set	1233300.00	Rupees Twelve Lakh(s) Thirty Three Thousand Three Hundred Only

Executive Engineer
KRIDL, BBMP, Bangalore

6/11/19

Contractor

Executive Engineer
Project Division
Yelahanka Zone

Sl No	App Qty	Description of work	Approved Rates of M/s KRIDL		
			Unit	Rate in Figures	Rate in Words
65	1.00	Supply, Erection, testing and commissioning of AMF panel suitable for .....KVA DG set. The panel is of cubical type base/floor mounting control panel with hinged doors, undrilled bottom gland plate, aluminium Bus Bar with the accommodation for .....amps 4 pole contactor for alternator with thermal O/L relay,..... Amps 4 pole contactor for mains, HRC fuse for short circuit protection, Microprocessor based AMF module with supply failure timer, Restoration timer, 3 impulse automatic engine start/stop logic, Mains/generator voltage, ...capacity bypass switch and frequency sensing, PCC 1301 controller with water temperature/Lube oil pressure/ engine speed, Voltage/ampere/Frequency/ KVA, Running-hour count, No of starts, Fault indication, over /under speed, Fails to start, Low oil pleasure, High engine temperature, Under/over voltage, over current, Earth fault relay, with indications for Mains on, Load on Mains, Battery charger on Push buttons AMf module by pass Mode, Battery charger unit with inbuilt Auto/Manual and Flat/Boost acility.Above 125 KVA upto 250 KVA	Set	203200.00	Rupees Two Lakh(s) Three Thousand Two Hundred Only
66	30.00	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 10C X 4Sq.mm	Mtrs	350.00	Rupees Three Hundred Fifty Only
67	50.00	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.25x3mm Copper strip	Mtrs	505.00	Rupees Five Hundred Five Only
68	31.00	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Nos	175.00	Rupees One Hundred Seventy Five Only
69	110.00	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps.On wall / ceiling / Rafter / Girders	Nos	110.00	Rupees One Hundred Ten Only
70	30.00	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps. ceiling rose, ecessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.	Nos	150.00	Rupees One Hundred Fifty Only
71	8.00	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts and 5 amps. ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire.	Nos	400.00	Rupees Four Hundred Only
72	7.00	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Conical pole with BSEN 10025 grade S355JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards,Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for .....Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom .....mm, top....mm with 3mm thick, suitable base plate and 4Nos of ..... long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc.,(excluding foundation) as per drawing appended 3 meters - Top 75mm and bottom 105 mm dia	Nos	5037.00	Rupees Five Thousand Thirty Seven Only
73	7.00	Supplying and Fixing of.....mm dia class A GI pipe bracket up to 2 Mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires.Using 32mm dia G.I.Pipe	Nos	835.00	Rupees Eight Hundred Thirty Five Only
74	1.00	Rcc For Dg set Bed 0.3x2.00x3.0 Mtrs	Nos	10000.00	Rupees Ten Thousand Only

Contractor

Executive Engineer-4
KRIDL, BBMP, Bangalore

Executive Engineer
Project Division
Yelahanka Zone 6/11/19

	App Qty	Description of work	Approved Rates of M/s KRIDL		
			Unit	Rate in Figures	Rate in Words
	4.00	Supply, testing & commissioning of wall mount speaker Frequency Range (-10 dB) 1.75 Hz-20 KHz Frequency Response (□ 3dB) 1:75 Hz-20 KHz Coverage Pattern: 100□ x 15□ nominal, Crossover Modes: Full range amp / passive, externally switch able Crossover Frequency: 1.2 KHz, Power Rating Passive: 400/800 watt (Continuous /programme for balcony use Make: Ahuja/Studi master orEquivalent	Nos	42500.00	Rupees Forty Two Thousand Five Hundred Only
	4.00	Supply, testing & commissioning of "Mounting Frame for fixing Speaker enclosures. Includes Quick Release. Make: Custom	Nos	8125.00	Rupees Eight Thousand One Hundred Twenty Five Only
	3.00	Supply, testing & commissioning of "Two –Way compact green room speakers in Speaker – Frequency Range (-10 dB):60Hz – 20 KHz Frequency Responses (□ 3dB): 70 Hz –20 KHz Coverage Pattern: 50□ x 90□ nominal Crossover Modes: Passive / Bi-amp Crossover Frequency: 1.1 KHz Power Rating: Passive Full-Range 60 to 90 W Green room and control room monitor including wiring & fixtures Make: Ahuja//Studio Master or Equivalent	Nos	16800.00	Rupees Sixteen Thousand Eight Hundred Only
78	20.00	Supplying ,installation ,Commissioning and Testing CP PLUS 3 MP , 50 meters ip bullet camera,1/3" 3MP PS CMOS Image Sensor,Max 25fps@3MP, 25/30fps@1080P,H.264, H.264H, H.264B , MJPEG dual-codec encoding,DWDR, Day/Night(ICR), 3DNR, ROI, AWB, AGC, BLC, HLC,3.6mm fixed lens (6mm optional),IR Range of 50 Mtrs, IP67, SD Card, PoE,Mobile Software: iCMOB, gCMOB,CMS Software: KVMS Pro, vOptimus Pro inclusive of all taxes and transportation charges as per the direction of Engineer in Charge	Nos	23160.00	Rupees Twenty Three Thousand One Hundred Sixty Only
79	1.00	Supplying ,installation ,Commissioning and Testing CP PLUS 32 Ch. H.265 4K Network Video Recorder Up to 32 channel IP camera input H.265/H.264 dual codec decoding Up to 8Mp resolution preview and playback Max 200Mbps incoming bandwidth Support 4 SATA HDDs up to 24TB, 2 USB(1 USB3.0) HDMI / VGA simultaneous video output Support Multi-brand network cameras ONVIF Version 2.4 conformance Mobile Software: iCMOB, gCMOB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge	Nos	66892.00	Rupees Sixty Six Thousand Eight Hundred Ninety Two Only
80	1.00	Providing and Supplying NAS hard disk drives 6 TB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge	Nos	22850.00	Rupees Twenty Two Thousand Eight Hundred Fifty Only
81	1.00	Supplying, installation, Commissioning and Testing D-Link 8-Port Gigabit Switch With 2 Combo SFP Ports inclusive of all taxes and transportation charges as per the direction of Engineer in Charge	Nos	28500.00	Rupees Twenty Eight Thousand Five Hundred Only
82	5.00	Providing and Supplying CAT6 OUT Door 305 mtr Cable Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge	Nos	64250.00	Rupees Sixty Four Thousand Two Hundred Fifty Only
83	1.00	Providing and Fixing HDMI Cables 10 Mtrs inclusive of all taxes and transportation charges as per the direction of Engineer in Charge	Nos	6500.00	Rupees Six Thousand Five Hundred Only
84	1.00	Supplying ,installation ,Commissioning and Testing of 43" LED TV – Reputed make Sony/Samsung/LG inclusive of all taxes and transportation charges as per the direction of Engineer in Charge	Nos	45000.00	Rupees Forty Five Thousand Only
85	15.00	Supplying ,installation ,Commissioning and Testing Patch cords CAT6 2 Mtr Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge	Nos	1200.00	Rupees One Thousand Two Hundred Only
86		GST @ 12%(For SR Items only)			

Executive Engineer-II
KRIDL, BSMP, Bangalore

Contractor

Executive Engineer
Project Division
Yelahanka Zone